

Appendix G: TMDL Tables

Table G - 1. Summary Schedule for TMDL Development¹

PROJECT	WATERBODY(S)	POLLUTANT/ STRESSOR	Projected Start Date	Current Projected Completion Date		
				TMDL Report	TMDL with Implementation Plan	Basin Plan Amendment
Alamo River Silt/ Sediment	Alamo River	Silt/Sediment	January 1998	August 2000	March 2001	June 2001 Completed
Alamo River Pesticide	Alamo River	Pesticides	January 2005	June 2008	January 2009	June 2011
Alamo River Selenium	Alamo River	Selenium	January 2005	April 2008	April 2009	June 2010
New River Silt/ Sediment	New River	Silt/Sediment	June 2000	November 2001	November 2001	June 2002 Completed
New River Pesticide	New River	Pesticides	July 2005	December 2008	December 2009	November 2011
New River Pathogen	New River	Pathogens/Bacteria	July 1999	August 2000	April 2001	October 2001 Completed
New River Nutrients	New River	Nutrients	January 2002	March 2003	April 2003	November 2004
New River Dissolved Oxygen	New River	Dissolved Oxygen	July 2003	November 2003	November 2003	May 2004
New River Trash	New River	Trash	May 2003	October 2003	October 2003	March 2004
New River Chloroform	New River	Chloroform	July 2007			June 2011

¹ This is not a commitment to complete work. The commitments are made in fund source specific workplans.

PROJECT	WATERBOD Y(S)	POLLUTAN T/ STRESSOR	Projected Start Date	Current Projected Completion Date		
				TMDL Report	TMDL with Implementation Plan	Basin Plan Amendment
Chloroform						
New River Toluene	New River	Toluene	July 2007			November 2011
New River p-Cymene	New River	p-Cymene	July 2006			June 2009
New River 1,2,4-trimethylbenzene	New River	1,2,4-trimethylbenzene	July 2006			November 2009
New River M,p,-Xylene	New River	M,p-Xylene	July 2005			June 2008
New River o-Xylene	New River	o-Xylene	July 2005			November 2008
New River p-DCB	New River	p-DCB	July 2006			June 2010
Coachella Valley Stormwater Channel Pathogen	Coachella Valley Stormwater Channel	Pathogens-Bacteria	January 2002	June 2004	November 2004	November 2005
Imperial Valley Drains Sediment/Silt	Imperial Valley Drains	Sediment/Silt	July 2001	June 2003	May 2003	January 2004
Imperial Valley Drains Selenium	Imperial Valley Drains	Selenium	January 2003	June 2008	November 2008	November 2010
Imperial Valley Drains Pesticides	Imperial Valley Drains	Pesticides	January 2005	June 2009	November 2009	November 2011
Palo Verde	Palo Verde	Pathogens	January 2002	March 2003	April 2003	November 2003

PROJECT	WATERBOD Y(S)	POLLUTAN T/ STRESSOR	Projected Start Date	Current Projected Completion Date		
				TMDL Report	TMDL with Implementation Plan	Basin Plan Amendment
Pathogen	Outfall Drain					
Salton Sea Nutrients	Salton Sea	Nutrients	November 2001	March 2003	April 2003	November 2004
Salton Sea Salts	Salton Sea	Salts	January 2004	January 2012	June 2012	November 2013
Salton Sea Selenium	Salton Sea	Selenium	January 2005	January 2009	June 2009	November 2010

Table G - 2. Detailed Schedules of TMDL Activities (next 5 Years)

TMDL Project	Alamo River Silt/Sediment		Alamo River Pesticide		Alamo River Selenium	
Waterbody(s)	Alamo River		Alamo River		Alamo River	
Watershed Name	Salton Sea Transboundary WMA		Salton Sea Transboundary WMA		Salton Sea Transboundary WMA	
Hydrologic Unit	#723.10		#723.10		#723.10	
Pollutant(s) /Stressor(s)	Silt/Sediment		Pesticide		Selenium	
Stakeholder Participation	Medium		High		Medium	
Program Integration	NPDES WW; NPDES SW; NPS, SWAMP		NPDES SW , NPS SWAMP		NPS, SWAMP, NPDES WW, NPDES SW	
Interagency Coordination	USFWS; CalF&G, Salton Sea Authority, DWR		DPR, USFWS, CalF&G, Salton Sea Authority, DWR		USFWS, CalF&G, Salton Sea Authority, DWR	
Activity dates	Start	End	Start	End	Start	End
TMDL Development	1998	2001	2005	2011	2005	2010
Implementation Planning	1998	2002	2005	2009	2005	2009
Basin Planning	2001	2002	2005	2011	2005	2010
TMDL Implementation	2002	2011 and beyond	2011	2021 and beyond	2005/06	2010 and beyond

TMDL Project	New River Silt/Sediment		New River Pesticide		New River Pathogen	
Waterbody(s)	New River		New River		New River	
Watershed Name	Salton Sea Transboundary WMA		Salton Sea Transboundary WMA		Salton Sea Transboundary WMA	
Hydrologic Unit	#723.10		#723.10		#723.10	
Pollutant(s) /Stressor(s)	Silt/Sediment		Pesticide		Selenium	
Stakeholder Participation	Medium		High		Medium	
Program Integration	NPDES WW; NPDES SW; NPS, SWAMP		NPDES SW , NPS SWAMP		NPS, SWAMP, NPDES WW, NPDES SW	
Interagency Coordination	USFWS; CalF&G, Salton Sea Authority, DWR, IBWC, USEPA		DPR, USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA		USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA	
Activity dates	Start	End	Start	End	Start	End
TMDL Development	2000	2002	2005	2011	1999	2001
Implementation Planning	2000	2001	2005	2009	1999	2001
Basin Planning	2000	2002	2005	2011	1999	2002
TMDL Implementation	2003	2011 and beyond	2011	2021 and beyond	2003	2001 and beyond

TMDL Project	New River Nutrients		New River Dissolved Oxygen		New River Trash	
Waterbody(s)	New River		New River		NewRiver	
Watershed Name	Salton Sea Transboundary WMA		Salton Sea Transboundary WMA		Salton Sea Transboundary WMA	
Hydrologic Unit	#723.10		#723.10		#723.10	
Pollutant(s) /Stressor(s)	Nutrients		Dissolved Oxygen		Trash	
Stakeholder Participation	Medium		High		High	
Program Integration	NPDES WW; NPDES SW; NPS, SWAMP		NPDES SW, NPS, NPDES WW, SWAMP		NPDES SW, NPS, NPDES WW, SWAMP	
Interagency Coordination	USFWS; CalF&G, Salton Sea Authority, DWR, IBWC, USEPA		DPR, USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA		DPR, USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA	
Activity dates	Start	End	Start	End	Start	End
TMDL Development	2002	2004	2003	2004	2003	2004
Implementation Planning	2002	2003	2003	2004	2003	2004
Basin Planning	2002	2004	2003	2004	2003	2004
TMDL Implementation	2005	2014 and beyond	2004	2004 and beyond	2004	2004 and beyond

TMDL Project	New River Chloroform		New River Toluene		New River p-Cymene	
Waterbody(s)	New River		New River		NewRiver	
Watershed Name	Salton Sea Transboundary WMA		Salton Sea Transboundary WMA		Salton Sea Transboundary WMA	
Hydrologic Unit	#723.10		#723.10		#723.10	
Pollutant(s) /Stressor(s)	Chloroform		Toluene		p-Cymene	
Stakeholder Participation	High		High		High	
Program Integration	NPDES WW; NPDES SW; NPS, SWAMP		NPDES SW, NPS, NPDES WW, SWAMP		NPDES SW, NPS, NPDES WW, SWAMP	
Interagency Coordination	USFWS; CalF&G, Salton Sea Authority, DWR, IBWC, USEPA		DPR, USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA		DPR, USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA	
Activity dates	Start	End	Start	End	Start	End
TMDL Development	2007	2011	2007	2011	2006	2009
Implementation Planning						
Basin Planning						
TMDL Implementation	2011	2011 and beyond	2011	2011 and beyond	2006	2009 and beyond

TMDL Project	New River 1,2,4-trimethylbenzene	New River M,p,-Xylene	New River o-Xylene	New River p-DCB				
Waterbody(s)	New River	New River	NewRiver	NewRiver				
Watershed Name	Salton Sea Transboundary WMA	Salton Sea Transboundary WMA	Salton Sea Transboundary WMA	Salton Sea Transboundary WMA				
Hydrologic Unit	#723.10	#723.10	#723.10	#723.10				
Pollutant(s) /Stressor(s)	1,2,4-trimethylbenzene	M,p-Xylene	o-Xylene	p-DCB				
Stakeholder Participation	High	High	High	High				
Program Integration	NPDES WW; NPDES SW; NPS, SWAMP	NPDES SW, NPS, NPDES WW, SWAMP	NPDES SW, NPS, NPDES WW, SWAMP	NPDES SW, NPS, NPDES WW, SWAMP				
Interagency Coordination	USFWS; CalF&G, Salton Sea Authority, DWR, IBWC, USEPA	DPR, USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA	DPR, USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA	DPR, USFWS, CalF&G, Salton Sea Authority, DWR, IBWC, USEPA				
Activity dates	Start	End	Start	End	Start	End	Start	End
TMDL Development	2006	2009	2005	2008	2005	2008	2006	2010
Implementation Planning								
Basin Planning								
TMDL Implementation	2006	2009 and beyond	2005	2008 and beyond	2005	2008 and beyond	2006	2010 and beyond

TMDL Project	Imperial Valley Drains Sediment/Silt	Imperial Valley Drains Selenium	Imperial Valley Drains Pesticides			
Waterbody(s)	Imperial Valley Drains	Imperial Valley Drains	Imperial Valley Drains			
Watershed Name	Salton Sea Transboundary WMA	Salton Sea Transboundary WMA	Salton Sea Transboundary WMA			
Hydrologic Unit	#723.10	#723.10	#723.10			
Pollutant(s) /Stressor(s)	Sediment/Silt	Selenium	Pesticides			
Stakeholder Participation	Medium	Medium	Medium			
Program Integration	NPDES WW; NPDES SW; NPS, SWAMP	NPDES SW, NPS, NPDES WW, SWAMP	NPS, SWAMP, NPDES WW, NPDES SW			
Interagency Coordination	USFWS; CalF&G, Salton Sea Authority, DWR	USFWS, CalF&G, Salton Sea Authority, DWR	USFWS, CalF&G, Salton Sea Authority, DWR, DPR,			
Activity dates	Start	End	Start	End	Start	End
TMDL Development	2001	2004	2004	2010	2005	2011
Implementation Planning	2001	2003	2004	2008	2005	2009
Basin Planning	2002	2004	2004	2010	2005	2011
TMDL Implementation	2004	2014 and beyond	2010	2020 and beyond	2011	2021 and beyond

TMDL Project	Salton Sea Nutrients	Salton Sea Salts	Salton Sea Selenium			
Waterbody(s)	Salton Sea	Salton Sea	Salton Sea			
Watershed Name	Salton Sea Transboundary WMA	Salton Sea Transboundary WMA	Salton Sea Transboundary WMA			
Hydrologic Unit	#728.00	#728.00	#728.00			
Pollutant(s) /Stressor(s)	Nutrients	Salts	Selenium			
Stakeholder Participation	High	Medium	Medium			
Program Integration	NPDES WW; NPDES SW; NPS, SWAMP	NPDES SW, NPS, NPDES WW, SWAMP	NPS, SWAMP, NPDES WW, NPDES SW			
Interagency Coordination	USFWS; CalF&G, Salton Sea Authority, DWR, USBR, IBWC	USFWS, CalF&G, Salton Sea Authority, DWR, USBR, IBWC	USFWS, CalF&G, Salton Sea Authority, DWR, USBR, IBWC			
Activity dates	Start	End	Start	End	Start	End
TMDL Development	2001	2004	2004	2013	2005	2010
Implementation Planning	2001	2003	2004	2010	2005	2009
Basin Planning	2001	2004	2004	2013	2005	2010
TMDL Implementation	2005	2014 and beyond	2013	2023 and beyond	2010	2020 and beyond

TMDL Project	Palo Verde Pathogen		Coachella Valley Stormwater Channel Pathogen	
Waterbody(s)	Palo Verde Outfall Drain		Coachella Valley Stormwater Channel	
Watershed Name	Lower Colorado River WMA		Salton Sea Transboundary WMA	
Hydrologic Unit	#715.40		#719.47	
Pollutant(s) /Stressor(s)	Pathogens		Pathogens	
Stakeholder Participation	Medium		Medium	
Program Integration	NPDES WW; NPDES SW; NPS, SWAMP		NPS,SWAMP, NPDES WW, NPDES SW	
Interagency Coordination	USFWS; CalF&G		USFWS, CalF&G, Salton Sea Authority, DWR	
Activity dates	Start	End	Start	End
TMDL Development	2002	2005	2002	2005
Implementation Planning	2002	2004	2002	2003
Basin Planning	2002	2005	2002	2005
TMDL Implementation	2005	2015 and beyond	2005	2015 and beyond

Legend:

Program Integration

NPDES Wastewater=NPDES WW
NPDES Stormwater=NPDES SS
Nonpoint Source=NPS
Monitoring and Assessment=SWAMP

Interagency Coordination

California Department of Fish and Game=Calf&G
California Department of Pesticide Regulation=DPR
California Department of Water Resources=DWR
United States Fish and Wildlife Service=USFWS
United States Bureau of Re=USBR
International Boundary and Water Commission=IBWC
Salton Sea Authority=Salton Sea Authority